

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07039-523001	Application No. 10/824,632
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))				Applicant Rajiv Kumar et al.	
				Filing Date April 14, 2004	Group Art Unit 1632

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
RH	1	5,973,117	10/26/99	Onda et al.			
↓	2	6,399,316	06/04/02	Onda et al.			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
RH	3	Barbee et al., "Hemodynamics in Transgenic Mice With Overexpression of Atrial Natriuretic Factor," <u>Circ. Res.</u> , 1994, 74:747-751
	4	Chan and Fiscus, "Guanylyl cyclase inhibitors NS2028 and ODQ and protein kinase G (PKG) inhibitor KT5823 trigger apoptotic DNA fragmentation in immortalized uterine epithelial cells: anti-apoptotic effects of basal cGMP/PKG," <u>Mol. Hum. Reprod.</u> , 2003, 9(12):775-783
	5	Chan and Fiscus, "Vasorelaxant response to isoprenaline, nitric oxide donor, calcitonin gene-related peptide and vasoactive intestinal peptide in aortic rings of adult C57BL/6J mice," <u>Eur. J. Pharmacol.</u> , 2001, 431:229-236
	6	Chan and Fiscus, "Vasorelaxations Induced by Calcitonin Gene-related Peptide, Vasoactive Intestinal Peptide, and Acetylcholine in Aortic Rings of Endothelial and Inducible Nitric Oxide Synthase-Knockout Mice," <u>J. Cardiovasc. Pharmacol.</u> , 2003, 41:434-443
	7	Charles et al., "Genomic structure, cDNA sequence, and expression of <i>gly96</i> , a growth factor-inducible immediate-early gene encoding a short-lived glycosylated protein," <u>Oncogene</u> , 1993, 8:797-801
dup	8	De Keulenaer et al., "Identification of IEX-1 as a Biomechanically Controlled Nuclear Factor- κ B Target Gene That Inhibits Cardiomyocyte Hypertrophy," <u>Circulation Research</u> , 2002, 90:690-696
RH	9	d'Uscio et al., "Mechanism of Endothelial Dysfunction in Apolipoprotein E-Deficient Mice," <u>Arterioscler. Thromb. Vasc. Biol.</u> , 2001, 21:1017-1022
	10	Feldman et al., "Validation of a mouse conductance system to determine LV volume: comparison to echocardiography and crystals," <u>Am. J. Physiol. Heart Circ. Physiol.</u> , 2000, 279:H1698-H1707
	11	Feldmann et al., "Expression of an immediate early gene, IEX-1, in human tissues," <u>Histochem. Cell Biol.</u> , 2001, 115:489-497
	12	Fiscus et al., "CGRP Release and Synergistic Interactions with Nitric Oxide: Implications for Pathogenesis of Septic Shock and the Vascular Problems of Diabetes Mellitus and Aging," <u>TheScientificWorld</u> , 2001, 1(S1):2, Abstract
	13	Grynkiewicz et al., "A New Generation of Ca^{2+} Indicators with Greatly Improved Fluorescence Properties," <u>J. Biol. Chem.</u> , 1985, 260(6):3440-3450
	14	Hart et al., "Effects of averin versus xylazine-ketamine anesthesia on cardiac function in normal mice," <u>Am. J. Physiol. Heart Circ. Physiol.</u> , 2001, 281:H1938-H1945
	15	Hosogai et al., "Phosphodiesterase type 5 inhibition ameliorates nephrotoxicity induced by cyclosporin A in spontaneous hypertensive rats," <u>Eur. J. Pharmacol.</u> , 2003, 477:171-178
↓	16	Im et al., "Characterization of a novel hexameric repeat DNA sequence in the promoter of the immediate early gene, IEX-1, that mediates 1 α ,25-dihydroxyvitamin D ₃ -associated IEX-1 gene repression," <u>Oncogene</u> , 2002, 21:3706-3714

Examiner Signature <i>Joann H</i>	Date Considered <i>9/15/05</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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gH	17	Im et al., "Divergent Regulation of the Growth-promoting Gene <i>IEX-1</i> by the p53 Tumor Suppressor and Sp1," <i>J. Biol. Chem.</i> , 2002, 277(17):14612-14621
	18	Knowles et al., "Pressure-independent enhancement of cardiac hypertrophy in natriuretic peptide receptor A-deficient mice," <i>J. Clin. Invest.</i> , 2001, 107:975-984
	19	Kondratyev et al., "Identification and characterization of a radiation-inducible glycosylated human early-response gene," <i>Cancer Res.</i> , 1996, 56(7):1498-1502
	20	Krege et al., "A Noninvasive Computerized Tail-Cuff System for Measuring Blood Pressure in Mice," <i>Hypertension</i> , 1995, 25:1111-1115
	21	Kumar et al., "A Novel Immediate Early Response Gene, IEX-1, Is Induced by Ultraviolet Radiation in Human Keratinocytes," <i>Biochem. Biophys. Res. Commun.</i> , 1998, 253:336-341
	22	Laemmli, "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4," <i>Nature</i> , 1970, 227:680-685
	23	Lehoux and Tedgui, "All Strain, No Gain: Stretch Keeps Proliferation at Bay via the NF- κ B Response Gene <i>iex-1</i> ," <i>Circ. Res.</i> , 2003, 93:1139-1141
	24	Li et al., "Targeted Mutation of the DNA Methyltransferase Gene Results in Embryonic Lethality," <i>Cell</i> , 1992, 69:915-926
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	26	Matsubara et al., "Logistic Time Constant of Isovolumic Relaxation Pressure-Time Curve in the Canine Left Ventricle. Better Alternative to Exponential Time Constant," <i>Circulation</i> , 1995, 92:2318-2326
	27	Ohki et al., "Identification of mechanically induced genes in human monocytic cells by DNA microarrays," <i>J. Hypertens.</i> , 2002, 20:685-691
	28	Ortiz et al., "Role of Endothelin and Isoprostanes in Slow Pressor Responses to Angiotensin II," <i>Hypertension</i> , 2001, 37:505-510
	29	Pietzsch et al., "Genomic Organization, Promoter Cloning, and Chromosomal Localization of the Dif-2 Gene," <i>Biochem. Biophys. Res. Commun.</i> , 1998, 245:651-657
	30	Ray et al., "Isolation of vascular smooth muscle cells from a single murine aorta," <i>Methods Cell Sci.</i> , 2002, 23:185-188
	31	Sanger et al., "DNA Sequencing with Chain-terminating Inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> , 1977, 74(12):5463-5467
	32	Schäfer et al., "Human PACAP Response Gene 1 (p22/PRG1): Proliferation-Associated Expression in Pancreatic Carcinoma Cells," <i>Pancreas</i> , 1999, 18(4):378-384
	33	Schafer et al., "PRG1: a novel early-response gene transcriptionally induced by pituitary adenylate cyclase activating polypeptide in a pancreatic carcinoma cell line," <i>Cancer Res.</i> , 1996, 56(11):2641-2648
	34	Schulze et al., "Biomechanically Induced Gene <i>iex-1</i> Inhibits Vascular Smooth Muscle Cell Proliferation and Neointima Formation," <i>Circ. Res.</i> , 2003, 93:1210-1217
	35	Senthil et al., "Evidence of oxidative stress in the circulation of ovarian cancer patients," <i>Clin. Chim. Acta</i> , 2004, 339:27-32
↓	36	Taylor et al., "Altered Expression of Small-Conductance Ca ²⁺ -Activated K ⁺ (SK3) Channels Modulates Arterial Tone and Blood Pressure," <i>Circ. Res.</i> , 2003, 93:124-131

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97	37	Thomas and Capecchi, "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells," <u>Cell</u> , 1987, 51:503-512
	38	Thompson and Appleman, "Multiple Cyclic Nucleotide Phosphodiesterase Activities from Rat Brain," <u>Biochemistry</u> , 1971, 10(2):311-316
	39	Towbin et al., "Electrophoretic transfer of proteins from polyacrylamide gels to nitrocellulose sheets: Procedure and some applications," <u>Proc. Natl. Acad. Sci. USA</u> , 1979, 76(9):4350-4354
	40	Tsuneyoshi et al., " Ca^{2+} - and Myosin Phosphorylation-independent Relaxation by Halothane in K^+ -depolarized Rat Mesenteric Arteries," <u>Anesthesiology</u> , 2003, 99:656-665
	41	van Deursen, "Gene Targeting in Mouse Embryonic Stem Cells," <u>Meth. Mol. Biol.--Transgenic Mouse Methods and Protocols</u> , 1994, 209:145-158
	42	Weinmann and Farnham, "Identification of unknown target genes of human transcription factors using chromatin immunoprecipitation," <u>Methods</u> , 2002, 26:37-47
	43	Weiss et al., "Hemodynamic Determinants of the Time-Course of Fall in Canine Left Ventricular Pressure," <u>J. Clin. Invest.</u> , 1976, 58:751-760
	44	Wu et al., "IEX-1L, an Apoptosis Inhibitor Involved in NF- κ B-Mediated Cell Survival," <u>Science</u> , 1998, 281:998-1001
	45	Yamamoto et al., "Left Ventricular Diastolic Dysfunction in Patients with Hypertension and Preserved Systolic Function," <u>Mayo Clin. Proc.</u> , 2000, 75:148-155
	46	Yang et al., "Validation of Conductance Catheter System for Quantification of Murine Pressure-Volume Loops," <u>J. Invest. Surg.</u> , 2001, 14:341-355
↓	47	Zhang et al., "Impaired apoptosis, extended duration of immune responses, and a lupus-like autoimmune disease in IEX-1-transgenic mice," <u>Proc. Natl. Acad. Sci. USA</u> , 2002, 99(2):878-883

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